



Ivatt Locomotive : Lubrication Instructions

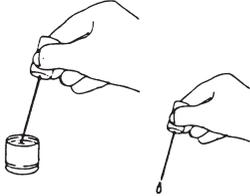
THIS LOCOMOTIVE REQUIRES OILING BEFORE USE

1. Applying Lubricant

It is important that only very small drops of synthetic or light machine oil are applied. Your local model shop will be able to advise you of the exact type. A small 'dropper' can be made by straightening a paper clip and sticking one end into a cork. This enables a small drop of oil to be 'picked up' and accurately applied. Please refer to diagram 1.

You should oil both Gears and the Motion and Connecting Rod Rivet Heads. Please refer to diagrams 2 & 3.

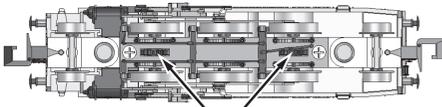
Diagram 1



Regular oiling should be undertaken at 1-monthly intervals or every 20 hours of running.

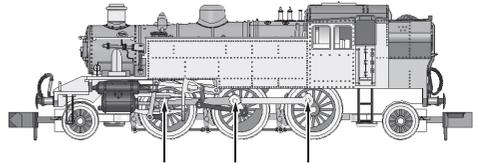
Note: Failure to lubricate may affect any warranty claim.

Diagram 2



Add oil directly into the gears on the underside of the chassis

Diagram 3



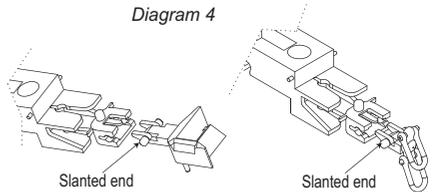
Add oil onto Motion and Connecting Rod Rivet Heads

2. Installing Couplers

To change coupler simply pull outwards from NEM pocket. To fit new coupler simply push into place ensuring that the slanted end of the coupler faces downwards. Refer to diagram 4.

CAUTION - Decorative coupling is fragile. Please handle with care.

Diagram 4



Slanted end

Slanted end



CAUTION: 1) The motor is a sealed and self-lubricating unit. Do not attempt to oil any part of it, even the armature shaft. If oil enters the motor it will damage the self-lubricating system. 2) After adding oil, please wait for 15 minutes before operating the locomotive. This ensures that the oil will run into the gears before operation commences.

IMPORTANT: Please use caution when oiling as some oils can cause deterioration to the plastic body. If oil touches the body, immediate wipe off with a clean non-fluffy cloth. Do not leave the locomotive in strong sunlight for long periods as the paint may deteriorate. Do not run the locomotive on track laid directly onto carpet as dust and fibres will impair the mechanism. If using standard 12v dc power, it is important that you use an appropriate 'N' gauge controller as '00' controllers may not allow the measure of control required for our modern 'N' gauge products.

WARRANTY: Dapol Limited will remedy any defect or malfunction occurring with the locomotive during a period of six months from the date of purchase. This warranty does not extend to defects or malfunctions caused by damage or unreasonable use, including failure to provide correct lubrication. If for any reason the locomotive develops any fault within six months of purchase, please return it to the **Place of Purchase** with your **Proof of Purchase** (dated till receipt / credit card slip etc.). Do NOT return it to Dapol Limited. The seller will then examine the locomotive and, if appropriate, will return it to Dapol Limited together with a copy of the Proof of Purchase, for repair or exchange under their agreed 'Terms of Trading' policy.

Without a suitable Proof of Purchase, Dapol Limited cannot guarantee to offer any warranty service.

The Dapol Limited repair department normally offers a 7 day service on all returns, whether warranty or non-warranty. If your product is outside of warranty then please return it direct to Dapol Limited with a covering letter. We strongly suggest that you obtain a 'proof-of-postage' when submitting any return through any postal service. We will then provide you with a cost for the repair. No changeable repair will be undertaken without customer authority. This warranty is given in addition to all legal rights of the purchaser under the 'Sale of Goods Act' and shall expire six months from the date of purchase. Dapol Limited shall not be responsible for any consequential loss or damages arising in regard to any Dapol Limited product.